

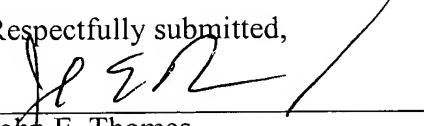
REMARKS

The present claims are claims 20-38. New claims 20-38 are based on original claims 1-19, respectively. New claims 20, 28, and 36 incorporate Formula (III) from page 4 of the specification, and the Examiner's helpful comments in paragraph 5 of the Office Action are appreciated.

In response to the Restriction Requirement, Applicants elect Group II, now claims 27-35, with traversed. The Requirement is traversed to the extent that search and examination of all claims should not be burdensome. For example, a search of Group II would be inclusive of the search required for Groups I and III.

A favorable action on the merits is requested. The Examiner is invited to contact the undersigned to resolve any remaining issues.

Respectfully submitted,


John E. Thomas
Registration No. 34,070
BAUSCH & LOMB INCORPORATED
One Bausch & Lomb Place
Rochester, NY 14604-2701
Telephone: (585) 338-8969

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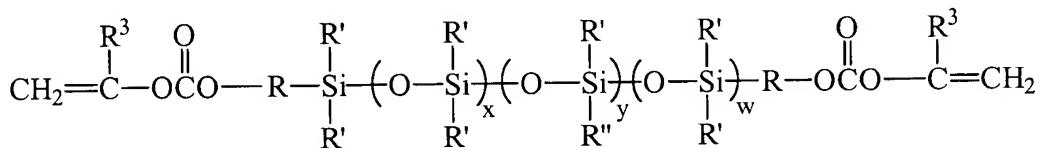
VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the claims:

Claims 1-19 have been cancelled.

New claims 20-38 have been added as follows:

-- 20. A hydrogel that is the hydrated polymerization product of a monomer mixture comprising a hydrophilic monomer, and a monomer of the formula:



wherein:

each R is independently an alkylene group having 1 to 10 carbon atoms which may have ether linkages between carbon atoms;

each R' is independently a monovalent hydrocarbon radical or a halogen substituted monovalent hydrocarbon radical having 1 to 18 carbon atoms which may have ether linkages between carbon atoms;

each R³ is hydrogen or methyl

w and x are each ≥ 0;

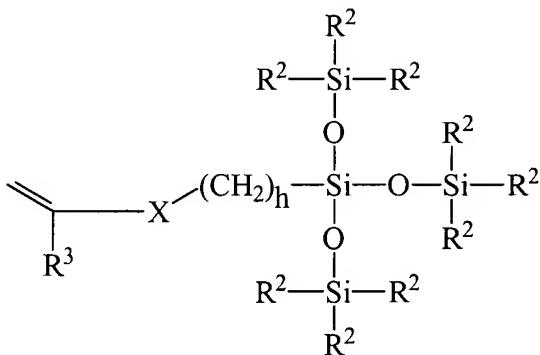
y is ≥ 1;

w + x + y = 2 to 1000; and

R'' is a fluorinated side chain of the formula -D-(CF₂)_z-H, wherein z is 1 to 20, and D is an alkylene group having 1 to 10 carbon atoms which may have ether, carbonate, carbamate, ester or amide linkages between carbon atoms.

21. The hydrogel of claim 20, wherein said monomer mixture further comprises a monofunctional polysiloxanylalkyl monomer.

22. The hydrogel of claim 21, wherein the monofunctional polysiloxanylalkyl monomer is represented by the formula:



wherein:

X denotes -OCOO-, or -OCONR⁴- where each R⁴ is H or lower alkyl;

R³ denotes hydrogen or methyl;

h is 1 to 10; and

each R² independently denotes a lower alkyl or halogenated alkyl radical, a phenyl radical or a radical of the formula -Si(R⁵)₃, wherein each R⁵ is independently a lower alkyl radical or a phenyl radical.

23. The hydrogel of claim 22, wherein the monofunctional polysiloxanylalkyl monomer is selected from the group consisting of 3-[tris(trimethylsiloxy)silyl] propyl vinyl carbamate and 3-[tris(trimethylsiloxy)silyl] propyl vinyl carbonate.

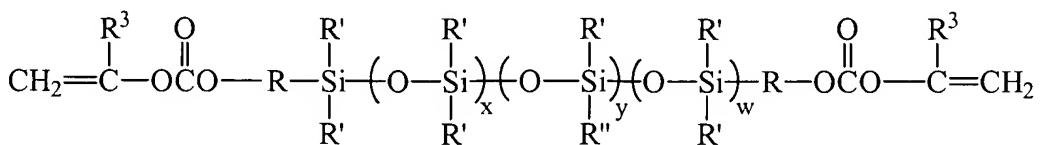
24. The hydrogel of claim 20, wherein said hydrophilic monomer is selected from the group consisting of N-vinyl-N-methyl acetamide, N-vinyl-N-ethyl acetamide, N-vinyl-N-ethyl formamide, N-vinyl-formamide, N-vinyl-2-pyrrolidone, and mixtures thereof.

25. The hydrogel of claim 24, wherein the hydrophilic monomer includes N-vinyl-2-pyrrolidone.

26. The hydrogel of claim 20, wherein R" is -CH₂-CH₂-CH₂-O-CH₂-(CF₂)₄-H.

27. A contact lens made from the polymerization product of a monomer mixture which comprises a vinyl carbonate endcapped polysiloxane containing a fluorinated side chain.

28. The contact lens of claim 27, wherein the vinyl carbonate endcapped polysiloxane is of the formula:



wherein:

each R is independently an alkylene group having 1 to 10 carbon atoms which may have ether linkages between carbon atoms;

each R' is independently a monovalent hydrocarbon radical or a halogen substituted monovalent hydrocarbon radical having 1 to 18 carbon atoms which may have ether linkages between carbon atoms;

each R³ is hydrogen or methyl

w and x are each ≥ 0;

y is ≥ 1;

w + x + y = 2 to 1000; and

R'' is a fluorinated side chain of the formula -D-(CF₂)_z-H, wherein z is 1 to 20, and D is an alkylene group having 1 to 10 carbon atoms which may have ether, carbonate, carbamate, ester or amide linkages between carbon atoms.

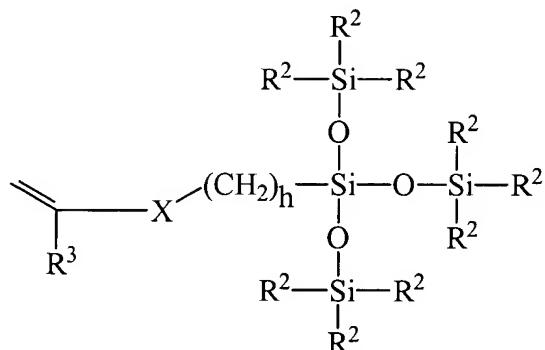
29. The contact lens of claim 28, wherein the monomer mixture further comprises a hydrophilic monomer.

30. The contact lens of claim 29, wherein said hydrophilic monomer is selected from the group consisting of N-vinyl-N-methyl acetamide, N-vinyl-N-ethyl acetamide, N-vinyl-N-ethyl formamide, N-vinyl-formamide, N-vinyl-2-pyrrolidone, and mixtures thereof.

31. The contact lens of claim 30, wherein the hydrophilic monomer includes N-vinyl-2-pyrrolidone.

32. The contact lens of claim 29, wherein said monomer mixture further comprises a monofunctional polysiloxanylalkyl monomer.

33. The contact lens of claim 32, wherein the monofunctional polysiloxanylalkyl monomer is represented by the formula:



wherein:

X denotes $-\text{OCOO}-$, or $-\text{OCONR}^4-$ where each R^4 is H or lower alkyl;

R^3 denotes hydrogen or methyl;

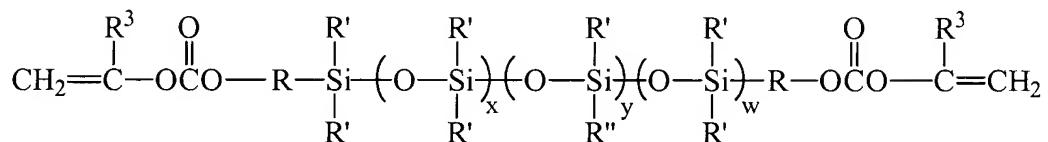
h is 1 to 10; and

each R^2 independently denotes a lower alkyl or halogenated alkyl radical, a phenyl radical or a radical of the formula $-\text{Si}(\text{R}^5)_3$ wherein each R^5 is independently a lower alkyl radical or a phenyl radical.

34. The contact lens of claim 33, wherein the monofunctional polysiloxanylalkyl monomer is selected from the group consisting of 3-[tris(trimethylsiloxy)silyl] propyl vinyl carbamate and 3-[tris(trimethylsiloxy)silyl] propyl vinyl carbonate.

35. The contact lens of claim 28, wherein R'' is $-\text{CH}_2\text{CH}_2\text{CH}_2\text{OCH}_2(\text{CF}_2)_4\text{H}$.

36. A monomer of the formula:



wherein:

each R is independently an alkylene group having 1 to 10 carbon atoms which may have ether linkages between carbon atoms;

each R' is independently a monovalent hydrocarbon radical or a halogen substituted monovalent hydrocarbon radical having 1 to 18 carbon atoms which may have ether linkages between carbon atoms;

each R³ is hydrogen or methyl

w and x are each ≥ 0 ;

y is ≥ 1 ;

w + x + y = 2 to 1000; and

R" is a fluorinated side chain of the formula -D-(CF₂)_z-H, wherein z is 1 to 20, and D is an alkylene group having 1 to 10 carbon atoms which may have ether, carbonate, carbamate, ester or amide linkages between carbon atoms.

37. The monomer of claim 36, wherein w + x + y = 25 to 200.

38. The monomer of claim 36, wherein D is an alkylene group having 1 to 10 carbon atoms which may have ether, linkages between carbon atoms. --